Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127663.D
Acq On : 06 Apr 2022 22:33
Operator : CG\JU
Sample : N2229-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 07 02:40:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	96433	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	359074	20.000	ng	#	0.00
39) Acenaphthene-d10	10.010	164	206878	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	401570	20.000	ng		0.00
76) Chrysene-d12	14.157	240	330803	20.000	ng		0.00
86) Perylene-d12	15.680	264	292259	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	731050	123.183	ng		0.00
7) Phenol-d6	6.581	99	880573	113.420	ng		0.00
23) Nitrobenzene-d5	7.528	82	727879	90.371	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	308381	140.078	ng		0.00
45) 2-Fluorobiphenyl	9.327	172	1245179	85.147	ng		0.00
79) Terphenyl-d14	13.098	244	1683293	83.991	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.928	88	120262	42.723	ng		86
3) Pyridine	3.645	79	251804	33.963	ng		85
4) n-Nitrosodimethylamine	3.610	42	184538	46.282	ng	#	99
6) Aniline	6.628	93	233458m	25.212	ng		
8) 2-Chlorophenol	6.745	128	302137	50.188	ng		98
9) Benzaldehyde	6.516	77	110915	25.657	ng		98
10) Phenol	6.592	94	331709	42.728	ng		98
11) bis(2-Chloroethyl)ether	6.698	93	316611	49.385	ng		94
12) 1,3-Dichlorobenzene	6.904	146	317682	46.182	ng		98
13) 1,4-Dichlorobenzene	6.986	146	320557	46.099	ng		99
14) 1,2-Dichlorobenzene	7.133	146	311242	46.826	ng		98
15) Benzyl Alcohol	7.104	79	308352	45.430	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.233	45	481187	47.549	ng		99
17) 2-Methylphenol	7.204	107	250720	47.878	ng		98
18) Hexachloroethane	7.481	117	120811	45.531	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	247512	49.291	ng		96
20) 3+4-Methylphenols	7.357	107	315900	47.338	ng	#	57
22) Acetophenone	7.375	105	443481	45.962	ng	#	84
24) Nitrobenzene	7.551	77	373284	47.810	ng		97
25) Isophorone	7.786	82	697219	49.609	ng		98
26) 2-Nitrophenol	7.863	139	140891	50.213	ng		95
27) 2,4-Dimethylphenol	7.892	122	284222	51.737	ng		93
28) bis(2-Chloroethoxy)met...	7.992	93	395469	45.635	ng		98
29) 2,4-Dichlorophenol	8.098	162	270403	45.692	ng		96
30) 1,2,4-Trichlorobenzene	8.186	180	300120	44.065	ng		97
31) Naphthalene	8.275	128	877075	46.614	ng		98
32) Benzoic acid	7.992	122	171990	43.152	ng		98
33) 4-Chloroaniline	8.316	127	96314	12.998	ng		92
34) Hexachlorobutadiene	8.386	225	198838	42.441	ng		96
35) Caprolactam	8.680	113	73308m	41.912	ng		
36) 4-Chloro-3-methylphenol	8.786	107	298861	48.169	ng		97
37) 2-Methylnaphthalene	8.963	142	591896	47.034	ng		98
38) 1-Methylnaphthalene	9.063	142	571462	47.047	ng		99
40) 1,2,4,5-Tetrachloroben...	9.127	216	304641	44.896	ng	#	98
41) Hexachlorocyclopentadiene	9.116	237	387437	94.789	ng		97
43) 2,4,6-Trichlorophenol	9.239	196	205219	44.548	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	220448	47.424	ng		97
46) 1,1'-Biphenyl	9.427	154	743813	47.012	ng		99
47) 2-Chloronaphthalene	9.457	162	580911	46.202	ng		99
48) 2-Nitroaniline	9.551	65	204139	52.276	ng		93
49) Acenaphthylene	9.874	152	961626	50.282	ng		99
50) Dimethylphthalate	9.733	163	739576	49.319	ng		100
51) 2,6-Dinitrotoluene	9.792	165	152047	53.791	ng		96
52) Acenaphthene	10.045	154	639197	53.051	ng		98
53) 3-Nitroaniline	9.963	138	91500	30.642	ng		92
54) 2,4-Dinitrophenol	10.069	184	142202	100.076	ng		92
55) Dibenzofuran	10.222	168	828280	47.108	ng		97
56) 4-Nitrophenol	10.110	139	232311	99.047	ng		90
57) 2,4-Dinitrotoluene	10.198	165	206874	59.032	ng	#	83
58) Fluorene	10.563	166	641980	49.417	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	191589	47.299	ng		96
60) Diethylphthalate	10.433	149	701024	48.853	ng		98
61) 4-Chlorophenyl-phenyle...	10.551	204	333483	46.719	ng		96
62) 4-Nitroaniline	10.580	138	150261	53.429	ng		91
63) Azobenzene	10.716	77	754886	47.078	ng		96
65) 4,6-Dinitro-2-methylph...	10.604	198	90039	46.422	ng		90
66) n-Nitrosodiphenylamine	10.674	169	571812	45.212	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	220826	45.311	ng	#	92
68) Hexachlorobenzene	11.110	284	241531	45.336	ng		97
69) Atrazine	11.198	200	213616	50.836	ng		97
70) Pentachlorophenol	11.304	266	289513	90.987	ng		97
71) Phenanthrene	11.533	178	1014333	47.674	ng		100
72) Anthracene	11.580	178	1015122	48.233	ng		99
73) Carbazole	11.733	167	943883	47.862	ng		99
74) Di-n-butylphthalate	12.063	149	1127325	47.819	ng		99
75) Fluoranthene	12.721	202	1186186	51.090	ng		98
77) Benzidine	12.839	184	110647	12.815	ng		99
78) Pyrene	12.957	202	1222511	43.764	ng		100
80) Butylbenzylphthalate	13.568	149	486662	46.791	ng		95
81) Benzo(a)anthracene	14.145	228	1060561	48.002	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	251154	36.463	ng		98
83) Chrysene	14.186	228	992490	46.797	ng		100
84) Bis(2-ethylhexyl)phtha...	14.127	149	676089	46.117	ng		96
85) Di-n-octyl phthalate	14.751	149	1068600	49.851	ng		95
87) Indeno(1,2,3-cd)pyrene	17.250	276	971482	53.202	ng		100
88) Benzo(b)fluoranthene	15.227	252	923307	49.109	ng		99
89) Benzo(k)fluoranthene	15.262	252	927403	49.735	ng		99
90) Benzo(a)pyrene	15.615	252	879840	57.576	ng		99
91) Dibenzo(a,h)anthracene	17.274	278	842942	56.975	ng		98
92) Benzo(g,h,i)perylene	17.733	276	844862	55.702	ng		99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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